

## Abstract

A nematic liquid crystal composition comprising compounds of the general formulas (I-1) to (I-5) each having  
5 naphthalene-2,6-diyl, decahydronaphthalene-2,6-diyl and 1,2,3,4-tetrahydronaphthalene-2,6-diyl, and a liquid display device using the same. This nematic liquid crystal composition broadens the operating temperature range of liquid crystal display characteristics due to an improvement in co-  
10 solubility and storage at low temperature, thereby making it possible to improve a reduction in driving voltage and a change in temperature and to attain comparatively fast response characteristics for a predetermined driving voltage. Accordingly, the nematic liquid crystal composition is best  
15 suited for use as TN, STN, TFT, IPS, MVA, OCB, ECB, PC, PNLC, PDLC, PSCT or the like.